Practice finding inverse functions

1. Find the inverse function.

$$f(x) = 3x + 5$$

2. Find the inverse function.

$$f(x) = \frac{x - 4}{7}$$

3. Find the inverse function.

$$f(x) = 6(x + 1)$$

4. Find the inverse function.

$$f(x) = 8 + \frac{x}{3}$$

5. Find the inverse function.
$$f(x) = 7x - 2$$

6. Find the inverse function.
$$f(x) = \frac{5 + x}{9}$$

7. Find the inverse function.
$$f(x) = (x - 8) \cdot 3$$

8. Find the inverse function.
$$f(x) = \frac{x}{5} - 2$$